BRUHAT BANGALORE MAHANAGARA PALIKE

Project: Widening of Major Sandeep Unnikrishnan Road from Doddaballapura Road to Yelahanka Bus stand road towards BWSSB Water tank side in ward No.04

Est Cost: 200 Lakh

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
1	Removing B.S Slab of Drain and Stacking (P.No.25, I.No.5.32 of PW, P&IWTD SR 2015-16)								
	BS Slab	Sqm	1	50.00	1.80	--	**90.00**	63.72	**5734.80**
2	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.133, I.No.19.1 of PW, P&IWTD SR 2015-16)								
	Desilt	Cum							
	Ch 0 - 1080 LHS		1	1005.00	1.40	1.20	1688.40		
	widening portion at 16th B cross		1	240.00	0.90	0.20	43.20		
	Culvert								
	11m		4	11.00	1.50	1.35	89.10		
	16m		1	16.00	1.50	1.35	32.40		
	7m		1	7.00	1.50	1.35	14.18		
	8m		1	8.00	1.50	1.35	16.20		
	Shoulder Drain LHS		22	3.50	0.40	0.30	9.24		
	Utility Duct LHS		1	980.00	0.40	0.40	156.80		
	Inspection Chamber		18	1.00	1.00	0.70	12.60		
							2062.12	177.89	**366830.53**
3	KSRRB M200-13.1. **Dismantling of existing structures** like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. **Cement concrete Grade M-15 & M-20** (P.No.136, I.No.18.20 of PW,P&IWTD SR 2015-16)								
	Damaged Concrete Slab								
	widening portion at 16th B cross		1	240.00	1.00	0.30	72.00		
							72.00	469.37	**33794.64**
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2015-16)								
	Bed Concrete	Cum							
	Ch 0 - 1080		1.00	1005.00	1.40	0.15	211.05		
	widening portion at 16th B cross		1.00	240.00	0.90	0.15	32.40		
	Culvert								
	11m		4.00	11.00	1.50	0.15	9.90		
	16m		1.00	16.00	1.50	0.15	3.60		
	7m		1.00	7.00	1.50	0.15	1.58		
	8m		1.00	8.00	1.50	0.15	1.80		
	Shoulder Drain LHS		22.00	3.50	0.40	0.10	3.08		
	Utility Duct LHS		1.00	980.00	0.40	0.10	39.20		
							302.61	5236.92	**1584744.36**

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
5	Providing and laying **reinforced cement concrete pipe NP2 of 300mm dia** for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour curing complete as per specifications. Specification No.KSRB 1000, 2300 MOST Specification No. 1000 / 2300 (Pg.No. 246, I.No. 34.7.3 of PW, P&IWTD SR 2015 - 16)								
	Shoulder Drain	Rmt							
	Shoulder Drain LHS		22	3.50	--	--	77.00		
	Utility Duct LHS		1	980.00	--	--	980.00		
							1057.00	1288.44	**1361881.08**
6	KSRB 12-8.1 : Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS (P.No.73, I.No.11.50.1 of PW, P&IWTD SR 2015-16)								
	Inspection chamber	Nos.	18	--	--	--	18.00	8648.64	**155675.52**
7	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2015-16)								
	Bottom Slab	Sqm							
	Ch 0 - 1080 LHS		2	1005.00	--	0.15	301.50		
	Culvert								
	11m		8.00	11.00	--	0.20	17.60		
	16m		2.00	16.00	--	0.20	6.40		
	7m		2.00	7.00	--	0.20	2.80		
	8m		2.00	8.00	--	0.20	3.20		
							331.50	244.08	**80912.52**
8	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.31 of PW,P&IWTD SR 2015-16)								
	Side Walls	Sqm							
	Ch 0 - 1080 LHS		4	1005.00	--	0.80	3216.00		
	Culvert								
	11m		16	11.00	--	0.80	140.80		
	16m		4	16.00	--	0.80	51.20		
	7m		4	7.00	--	0.80	22.40		
	8m		4	8.00	--	0.80	25.60		
							3456.00	306.72	**1060024.32**
9	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2015-16)								
	Bottom Slab	Cum							
	Ch 0 - 1080 LHS		1	1005.00	1.10	0.15	165.83		
	widening portion at 16th B cross		1	240	0.90	0.15	32.40		
	Culvert								
	11m		4	11.00	1.20	0.20	10.56		
	16m		1	16.00	1.20	0.20	3.84		
	7m		1	7.00	1.20	0.20	1.68		
	8m		1	8.00	1.20	0.20	1.92		
	Side Walls								

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	Ch 0 - 1080 LHS								
	Culvert		2	1005.00	0.15	0.80	241.20		
	11m								
	16m		8	11.00	0.20	0.80	14.08		
	7m		2	16.00	0.20	0.80	5.12		
	8m		2	7.00	0.20	0.80	2.24		
			2	8.00	0.20	0.80	2.56		
							481.40	6332.04	**3048244.06**
10	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW, P&IWTD SR 2015-16)								
	Consider 65Kgs/cum for item No. 14 only RCC Qty	Tonne		481.40	0.060	--	28.89	69805.80	**2016689.56**
11	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2015-16)								
	Coping	Cum							
	Shoulder Drain LHS								
	Around Shoulder Drain		22	3.50	0.40	0.40	12.32		
	deduct NP2 pipe		-22	3.50	0.07		-5.44		
							6.88	5490.72	**37776.15**
12	Refixing Stone Slabs of Drains and pointing in C.M (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2015-16)								
	BS Slab	Sqm	1	50.00	1.80	--	90.00		
							90.00	78.84	**7095.60**
13	Providing and fixing **RCC Precast cover slab of 100mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Cover Slab	Sqm							
	Ch 0 - 1080 LHS		1	1005.00	1.10	--	1105.50		
	Shoulder Drain damaged		12	2.00	1.00	--	24.00		
							1129.50	1760.00	**1987920.00**
14	Providing and fixing **RCC Precast cover slab of 250mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Cover Slab	Sqm							
	Culvert		4.00	11.00	1.20	--	52.80		
			1.00	16.00	1.20	--	19.20		
			1.00	7.00	1.20	--	8.40		
			1.00	8.00	1.20	--	9.60		
							90.00	5125.00	**461250.00**
15	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No154 of I.No.20.20 in PW,P&IWTD SR 2014-15)								
	Ch 0 - 1080	cum	1	980.00	2.50	0.20	**490.00**	205.20	**100548.00**

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
16	KSRB 14.6-1: Providing & laying **heavy duty cobble stones 60mm thick interlock pavers**,using cement & course sand for manufacture of blocks of approved size ,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 101 of I.No.14.6 in PW,P&IWTD SR 2015-16)								
	Footpath	Sqm							
	Ch 0 - 1080 LHS		1	980.00	2.50	--	2450.00		
	deduct 50% available stones						-1225.00		
							1225.00	934.20	**1144395.00**
17	KSRB 14.6-1: Providing and resetting of available heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm jOints, final compaction of paver surface joints into its final level, includingthick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between labour and HOM of machineries complete as per specifications (P.No 101 of I.No.14.6 in PW,P&IWTD SR 2015-16)								
	Footpath	Sqm							
	Ch 0 - 1080 LHS								
	Add 50% avaiable stones						1225.00		
							1225.00	415.80	**509355.00**
18	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2015-16)								
	For Road Kerb	No.							
	Ch 0 - 1080 LHS		1	1080.00	--	/0.45	2400.00		
	widening portion at 16th B cross		1	60.00	--	/0.45	133.00		
	deduct 30% available						-720.00		
							1813.00	320.76	**581537.88**
19	Removing and Resetting of Kerb Stones (P.No.258, I.No.37.57 of PW,P&IWTD S.R 2015-16)								
	For Kerb	m							
	Ch 0 - 1080 LHS		1	295.00	--	--	295.00		
	widening portion at 16th B cross		1	180.00	--	--	180.00		
							475.00	63.72	**30267.00**
20	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.179, I.No. 24.1 of PW,P&IWTD SR 2015-16)								
	For Kerb Painting	Sqm							
	Ch 0 - 1080 LHS		1	1080.00	--	0.35	378.00		
	Median		1	1080.00	--	0.35	378.00		
							756.00	61.56	**46539.36**
21	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.142, I.No.19.14 of PW,P&IWTD S.R 2015-16)								
	Road Portion	Cum							
	Sandeep Unnikrishnan Road								
	Ch 0 - 300 LHS		1	300.00	2.80	0.65	546.00		
	Ch 300 - 600 LHS		1	300.00	2.80	0.65	546.00		
	Ch 600 - 850 LHS		1	250.00	2.80	0.65	455.00		
	Ch 850 - 1080 LHS		1	230.00	2.80	0.65	418.60		
							1965.60	143.33	**281729.45**

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
22	KSRRB M400-6.2: Construction of granular sub-base by providing Close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with mortar grader on prepared surface and compacting with vibratory roller to achieve the desired density, complete as per specifications. A Plant Mix methad For Grading II Material (P.No.154, I.No.20.4.2 of PW,P&IWTD SR 2015-16)								
	Road Portion	Cum							
	Sandeep Unnikrishnan Road								
	Ch 0 - 300 LHS		1	300.00	2.80	0.20	168.00		
	Ch 300 - 600 LHS		1	300.00	2.80	0.20	168.00		
	Ch 600 - 850 LHS		1	250.00	2.80	0.20	140.00		
	Ch 850 - 1080 LHS		1	230.00	2.80	0.20	128.80		
							604.80	1622.16	**981082.37**
23	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density,complete as per specifications. MORTH Specification No. 406 (P.No.157, I.No.20.18 of PW,P&IWTD SR 2015-16)								
	Road Portion	Cum							
	Sandeep Unnikrishnan Road								
	Ch 0 - 300 LHS		1	300.00	2.80	0.25	210.00		
	Ch 300 - 600 LHS		1	300.00	2.80	0.25	210.00		
	Ch 600 - 850 LHS		1	250.00	2.80	0.25	175.00		
	Ch 850 - 1080 LHS		1	230.00	2.80	0.25	161.00		
							756.00	1713.96	**1295753.76**
24	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg\sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.160, I.No.21.6 of PW,P&IWTD SR 2015-16)								
	Road Portion	Cum							
	Sandeep Unnikrishnan Road								
	Ch 0 - 300 LHS		1	300.00	2.80	--	840.00		
	Ch 300 - 600 LHS		1	300.00	2.80	--	840.00		
	Ch 600 - 850 LHS		1	250.00	2.80	--	700.00		
	Ch 850 - 1080 LHS		1	230.00	2.80	--	644.00		
							3024.00	28.08	**84913.92**
25	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.160, I.No.21.2 of PW,P&IWTD SR 2015-16)								
	Road Formation	Sqm							
	Sandeep Unnikrishnan Road								
	Ch 0 - 50 LHS		1	50.00	9.50	--	475.00		
	For Bell Mouth at Cross road Approach		7	5.00	6.00	--	210.00		
							685.00	3.24	**2219.40**
26	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.160 I.No.21.7 of PW,P&IWTD SR of 2015-16)								
	For Laying DBM	Sqm							
	Sandeep Unnikrishnan Road								
	Ch 0 - 300 LHS		1	300.00	2.80	--	840.00		
	Ch 300 - 600 LHS		1	300.00	2.80	--	840.00		
	Ch 600 - 850 LHS		1	250.00	2.80	--	700.00		
	Ch 850 - 1080 LHS		1	230.00	2.80	--	644.00		
	For Profile Correction								

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs	Amount in Rs.
				m	m	m			
	Sandeep Unnikrishnan Road								
	Ch 0 - 50 LHS								
	For Laying BC		1	20.00	2.50	--	50.00		
	Sandeep Unnikrishnan Road								
	Ch 0 - 50 LHS								
	For Bell Mouth at Cross road Approach		1	50.00	9.50	--	475.00		
			7	5.00	6.00	--	210.00		
							3759.00	11.88	**44656.92**
27	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.162 I.No. 21.17.6 of PW,P&IWTD S.R 2015-16)								
	For Laying DBM	Cum							
	Sandeep Unnikrishnan Road								
	Ch 0 - 300 LHS		1	300.00	2.80	0.05	42.00		
	Ch 300 - 600 LHS		1	300.00	2.80	0.05	42.00		
	Ch 600 - 850 LHS		1	250.00	2.80	0.05	35.00		
	Ch 850 - 1080 LHS		1	230.00	2.80	0.05	32.20		
	For Profile Correction								
	Sandeep Unnikrishnan Road								
	Ch 0 - 50 LHS		1	20.00	2.50	0.05	2.50		
							153.70	6366.60	**978546.42**
28	KSRRB M500-19. Providing and laying bituminous concrete 40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 6% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.164 of I.No.21.22.6 in PW,P&IWTD S.R 2015-16)								
	Road Formation	Cum							
	Sandeep Unnikrishnan Road								
	Ch 0 - 50 LHS		1	50.00	9.50	0.04	19.00		
	Ch 50-300 LHS		1	250.00	2.80	0.04	28.00		
	Ch 300 - 600 LHS		1	300.00	2.80	0.04	33.60		
	Ch 600 - 850 LHS		1	250.00	2.80	0.04	28.00		
	Ch 850 - 1080 LHS		1	230.00	2.80	0.04	25.76		
	For Bell Mouth at Cross road Approach		7	5.00	6.00	0.04	8.40		
							142.76	7699.32	**1099154.92**
29	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35, The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.181, I.No.24.15 of PW,P&IWTD SR 2015-16)								
	Center lane Marking	Sqm	0.5	1050.00	0.15	--	78.75		
	Edge line		1	1050.00	0.15	--	157.50		
							236.25	473.04	**111755.70**

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
30	Providing and fixing of **Reflective Raised Pavement marker (RPM's) / Cat eyes** / Road studs confirming to ASTM D4280 type H, having reflective panels made of prismatic lens of total internal reflection, the prismatic lens should be electronically fixed (welded) to the body made of polycarbonate mould, with a height of 20mm, size of 130mm x 105mm and reflecting area of 13sqm with the slope of retro reflective surface within the limit of 35 + 5 degree to the base on either side. The marker shape II display an initial minimum luminous intensity of 279mcd/ lux at an entrance angle of zero degree and observation angle of 0.2 degree. The corresponding values for 20 degree entrance and 0.2 degree observation angle shall be 112 mcd / lux with color multiplying factor on either cases for white, yellow and red markers being 1.0, 0.6 and 0.25 respectively. The RPM's should be fixed by using two numbers of polymer shanks using appropriate adhesive as recommended and certified by the RPM manufacturer. The raised pavement marker should support a sufficient minimum load 13635 Kg in accordance with ministry specification. (P.No.290, I.No 38.32 of PW,P&IWTD SR 2015-16)								
	Cat Eyes at road intersetion	Nos	1	250	--	--	**250.00**	324.00	**81000.00**
	At 5m interval								
31	KSRRB M800-36. Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS: 873 complete as per specifications.(P.No.186, Item no 24.42 of PW,P&IWTD S.R 2015-16))	Nos							
	Barricade	each	1	40	--	--	**40.00**	521.64	**20865.60**
								Total Construction Cost	**19602893.84**
32								**Cost towards Preparation of DPR LS**	**101936.00**
33								**Cost towards PMC / Third Party inspection LS**	**294044.00**
								Sub Total	**19998873.84**
34								**Miscellaneous and rounding off**	1160.16 **1126.16**
								Total	**20000000.00**

Certificate.

1 The workspot was inspected and work is found to be necessary.
2 The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3 The rates adopted based on the PWD SR, Bangalore circle for year 2015-16.
4 The provisions made in the estimate are necessary and essential.

For Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Executive Engineer 21/2/16.

ADMINISTRATIVELY SANCTIONED FOR Rs 200.00 lakhs

Rupees Two hundred lakhs only

Under P 3089

Registered as EE ( ) No 9.....9.....

Subject to conditions contained in enclosed memo EE ( ) No /9/....

Dt Estimate A/Sanctioned

J.C(Y)/BBL/ES/No/82/15-16

dated 22-2-2016 Rs 200.00 lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP Bengaluru-92

Technical sanction
Accorded for Rs 200.00 lakhs
Head of A/c P 3089
CER NO 124 Dt 10.03.16

TA GE (Y) K)